

## Docosane-1,22-diol

## Chemical Properties

CAS No. : 22513-81-1

Formula: C<sub>22</sub>H<sub>46</sub>O<sub>2</sub>

Molecular Weight: 342.6

Storage: Keep away from moisture  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.



## Biological Description

Description	Docosane-1,22-diol (1,22-Docosanediol) is a long-chain fatty acid used in the synthesis of crystalline compounds.
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9189 mL	14.5943 mL	29.1886 mL
5 mM	0.5838 mL	2.9189 mL	5.8377 mL
10 mM	0.2919 mL	1.4594 mL	2.9189 mL
50 mM	0.0584 mL	0.2919 mL	0.5838 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

## Reference

Tian, Y., Guo, Y., Dong, X. et al. Synthesis of covalent organic pillars as molecular nanotubes with precise length, diameter and chirality. Nat. Synth 2, 395–402 (2023).

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Tel: 781-999-4286 E\_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481